

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2018 Levee Inspection Results

Reclamation District No. 2103 Wheatland Vicinity

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Reclamation District No. 2103 Wheatland Vicinity

Waterway			Bank	Unit Miles
Unit No. 01 South Dry Creek			Left	4.64
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/18/2018 - 4/18/2018			
DWR Inspector	Sterling York			
Accompanied By	Tom Engler RD 2103			
	Joe Conant RD 817			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				
DWR ID	DWR_RD2103_01_s_2012_2				
Comment Code					
Inspector Comment					
LMA regularly attends flood fight training put on by RD784 and DWR.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD2103_01_s_2013_5				
Comment Code					
Inspector Comment					
The LMA has a copy of the manual.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD2103_01_s_2013_6				
Comment Code					
Inspector Comment					
LMA stated that they have approx. 2500 sandbags and related flood fight material located in a mini storage in downtown Wheatland.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Spring 2018

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	0.00	Rating **	M	Issue No.	28
LM End	0.00	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.998295 °	38.998295 °
				-121.415186 °	-121.415186 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39966 DS_ID:24881 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: Gas line through levee. Markers visible on both sides. FS Date: 3/4/2014					

No Photos

LM Start	0.01	Rating **	A	Issue No.	19
LM End	4.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.019819 °	39.041198 °
				-121.453903 °	-121.393029 °
DWR ID	DWR_RD2103_01_s_2018_19				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_RD2103_10_19_20180501_00046.jpg



View looking downstream landside of the maintained annual vegetation,
Spring 2018.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	0.01	Rating **	A	Issue No.	20
LM End	4.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.019820 °	39.041197 °
				-121.453903 °	-121.393029 °
DWR ID	DWR_RD2103_01_s_2018_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_RD2103_10_20_20180501_00048.jpg



View looking downstream waterside of the maintained annual vegetation, Spring 2018.

LM Start	0.01	Rating **	M	Issue No.	11
LM End	0.47	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.019849 °	39.021775 °
				-121.453871 °	-121.445642 °
DWR ID	DWR_RD2103_01_f_2013_11				
Comment Code					
FE : Fence					
Inspector Comment					
Fence along waterside hinge point.					

Photo 1 of 1 : SP_2018_RD2103_10_11_20180302_00003.jpg



View of fence along waterside hinge point looking downstream, still exist Fall 2017.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	0.20	Rating **	M	Issue No.	23
LM End	0.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.020856 °	39.020938 °
				-121.450629 °	-121.450237 °
DWR ID	DWR_RD2103_01_f_2015_23				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 1 : SP_2018_RD2103_10_23_20180302_00006.jpg



View of squirrel holes on the waterside looking downstream but no evidence of animal activity during Fall 2017 inspection.

LM Start	0.22	Rating **	M	Issue No.	22
LM End	0.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.020937 °	39.020937 °
				-121.450237 °	-121.450237 °
DWR ID	DWR_RD2103_01_f_2015_22				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning's still exist.					

Photo 1 of 2 : SP_2018_RD2103_10_22_20180302_00004.jpg



View looking downstream landside of pruning's that still exist as of Fall 2017.

LM Start	0.22	Rating **	M	Issue No.	22 (cont)
LM End	0.22	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2018_RD2103_10_22_20180302_00005.jpg



Pruning's still exist as of Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	0.54	Rating **	M	Issue No.	29
LM End	0.54	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022513 °	39.022513 °
				-121.444813 °	-121.444813 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39985 DS_ID:19468 EP_NO: 3659 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. It appears this is the same line as the next entry however, permit calls for Southern Pacific Pipe Lines, Inc as the owner and the sign found in the field indicates Kinder Morgan as owner. Need to contact owner to clarify if 2 crossings exist or if crossing is same owner will need to update permit information. FIELD_STRUCT_DESC: 8.625-inch steel fuel line through the levee, 3 feet below the crown. Cutoff wall around pipe at centerline of levee. Pipe extends through overflow area. Markers visible on both sides. (8.625-inch authorized under Permit No. 3659, 1961-Southern Pacific Pipelines, Inc.) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 0.55)] FS Date: 3/20/2014					

Photo 1 of 3 : UCIP_SP_2018_39985_69852.jpg



Marker visible on toe in between railroad tracks and highway (north).

LM Start	0.54	Rating **	M	Issue No.	29 (cont)
LM End	0.54	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_39985_69851.jpg



Marker visible on toe in between railroad tracks and highway (south).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	0.54	Rating **	M	Issue No.	29 (cont)	
LM End	0.54	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.022513 °	39.022513 °	
				-121.444813 °	-121.444813 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:39985 DS_ID:19468 EP_NO: 3659 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. It appears this is the same line as the next entry however, permit calls for Southern Pacific Pipe Lines, Inc as the owner and the sign found in the field indicates Kinder Morgan as owner. Need to contact owner to clarify if 2 crossings exist or if crossing is same owner will need to update permit information. FIELD_STRUCT_DESC: 8.625-inch steel fuel line through the levee, 3 feet below the crown. Cutoff wall around pipe at centerline of levee. Pipe extends through overflow area. Markers visible on both sides. (8.625-inch authorized under Permit No. 3659, 1961-Southern Pacific Pipelines, Inc.) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 0.55)] FS Date: 3/20/2014						

Photo 3 of 3 : UCIP_SP_2018_39985_69853.jpg



Marker visible on toe in between railroad tracks and highway (south).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	0.54	Rating **	M	Issue No.	30	
LM End	0.54	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.022514 °		39.022514 °
				-121.444814 °		-121.444814 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:39986 DS_ID:24878 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: It appears this is the same line as the next entry however, permit calls for Southern Pacific Pipe Lines, Inc as the owner and the sign found in the field indicates Kinder Morgan as owner. Need to contact owner to clarify if 2 crossings exist or if crossing is same owner will need to update permit information. Also need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: Kinder Morgan line through levee. Markers visible on both banks. FS Date: 3/4/2014						

LM Start	0.54	Rating **	M	Issue No.	30 (cont)
LM End	0.54	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_39986_71882.jpg



View of marker visible on waterward side (between HWY 65 and railroad).

Photo 2 of 3 : UCIP_SP_2018_39986_71881.jpg



Markers visible on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	0.54	Rating **	M	Issue No.	30 (cont)	
LM End	0.54	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.022514 °	39.022514 °	
				-121.444814 °	-121.444814 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:39986						
DS_ID:24878						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: It appears this is the same line as the next entry however, permit calls for Southern Pacific Pipe Lines, Inc as the owner and the sign found in the field indicates Kinder Morgan as owner. Need to contact owner to clarify if 2 crossings exist or if crossing is same owner will need to update permit information. Also need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.						
FIELD_STRUCT_DESC: Kinder Morgan line through levee. Markers visible on both banks.						
FS Date: 3/4/2014						

Photo 3 of 3 : UCIP_SP_2018_39986_71880.jpg



Petroleum Pipeline owned by Kinder Morgan.

LM Start	0.55	Rating **	M	Issue No.	31
LM End	0.55	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022654 °	39.022654 °
				-121.444665 °	-121.444665 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43823 DS_ID:19467 EP_NO: 16041 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Needs markers at levee crossing. FIELD_STRUCT_DESC: 2-inch steel communication conduit encasing telephone cable through the levee, 2-feet below the crown. Extends to junction box 10-feet from landside (LS) toe, parallel to railroad tracks. (communication conduit authorized under Permit No. 16041, 1993-Pacific Bell). [Additional Reference(s): DWR Levee Logs, 2005] FS Date: 3/18/2015					

Photo 1 of 1 : UCIP_SP_2018_43823_73340.jpg



Junction box visible on LS toe (at lower left of photo).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	0.56	Rating **	M	Issue No.	32
LM End	0.56	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022665 °	39.022665 °
				-121.444688 °	-121.444688 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39987 DS_ID:24879 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to obtain depth of line through levee. Also need permit authorizing conduit through levee. FIELD_STRUCT_DESC: Conduit line through levee. Markers visible on both sides. FS Date: 3/4/2014					

Photo 1 of 3 : UCIP_SP_2018_39987_71885.jpg



View of landward side.

LM Start	0.56	Rating **	M	Issue No.	32 (cont)
LM End	0.56	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_39987_71884.jpg



View of levee crown and waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	0.56	Rating **	M	Issue No.	32 (cont)
LM End	0.56	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022665 °	39.022665 °
				-121.444688 °	-121.444688 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39987 DS_ID:24879 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to obtain depth of line through levee. Also need permit authorizing conduit through levee. FIELD_STRUCT_DESC: Conduit line through levee. Markers visible on both sides. FS Date: 3/4/2014					

Photo 3 of 3 : UCIP_SP_2018_39987_71886.jpg



View of waterward side.

LM Start	0.56	Rating **	M	Issue No.	33
LM End	0.56	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022733 °	39.022733 °
				-121.444626 °	-121.444626 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38323 DS_ID:19469 EP_NO: 2098 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 16-inch steel gas line through the levee, 3 feet below the crown. Marker on waterside (WS) slope. (16-inch line authorized under Permit No. 2098, 1955-Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 0.56)] FS Date: 3/20/2014					

Photo 1 of 3 : UCIP_SP_2018_38323_69860.jpg



View of levee crown at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	0.56	Rating **	M	Issue No.	33 (cont)	
LM End	0.56	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.022733 °		39.022733 °
				-121.444626 °		-121.444626 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38323 DS_ID:19469 EP_NO: 2098 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 16-inch steel gas line through the levee, 3 feet below the crown. Marker on waterside (WS) slope. (16-inch line authorized under Permit No. 2098, 1955-Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 0.56)] FS Date: 3/20/2014						

LM Start	0.56	Rating **	M	Issue No.	33 (cont)
LM End	0.56	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_38323_69859.jpg



Marker visible waterward side.

Photo 3 of 3 : UCIP_SP_2018_38323_69858.jpg



Contact information of owner.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	0.62	Rating **	M	Issue No.	34
LM End	0.62	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.023513 °	39.023513 °	
			-121.444168 °	-121.444168 °	
DWR ID					

Comment Code

Inspector Comment

FS_ID:38324
DS_ID:19470
EP_NO: 789
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.
FIELD_STRUCT_DESC: 16-inch steel gas line through levee, 3 feet below the crown. Concrete inspection chamber (24-inch by 18-inch box with 4-inch walls) on the waterside (WS) shoulder, covered with dirt. Gas line marker on landside (LS) slope. Extends underneath Dry Creek channel, covered with concrete slab approximately 18-inches wide. (8.625-inch gas line authorized under Permit No. 789, 1939-Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Logs, 2005, 16-inch gas line. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 0.63), 16-inch gas line]
FS Date: 3/20/2014

LM Start	0.62	Rating **	M	Issue No.	34 (cont)
LM End	0.62	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_38324_69864.jpg



View of levee crown looking upstream.

Photo 2 of 3 : UCIP_SP_2018_38324_69863.jpg



Contact information for gas pipeline.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	0.62	Rating **	M	Issue No.	34 (cont)	
LM End	0.62	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.023513 °	39.023513 °	
				-121.444168 °	-121.444168 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38324 DS_ID:19470 EP_NO: 789 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 16-inch steel gas line through levee, 3 feet below the crown. Concrete inspection chamber (24-inch by 18-inch box with 4-inch walls) on the waterside (WS) shoulder, covered with dirt. Gas line marker on landside (LS) slope. Extends underneath Dry Creek channel, covered with concrete slab approximately 18-inches wide. (8.625-inch gas line authorized under Permit No. 789, 1939-Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Logs, 2005, 16-inch gas line. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 0.63), 16-inch gas line] FS Date: 3/20/2014						

Photo 3 of 3 : UCIP_SP_2018_38324_69862.jpg



Overview of gas marker visible on opposite bank.

LM Start	0.78	Rating **	M	Issue No.	27
LM End	0.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.024546 °	39.024546 °
				-121.441396 °	-121.441396 °
DWR ID	DWR_RD2103_01_s_2017_27				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning's on landside levee slope, Fall 2018.					

Photo 1 of 1 : SP_2018_RD2103_10_27_20180501_00049.jpg



View looking downstream landside of pruning's on the levee slope, Spring 2018.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	0.81	Rating **	M	Issue No.	35
LM End	0.81	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.024725 °	39.024725 °
				-121.440978 °	-121.440978 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39988					
DS_ID:24880					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: No marker found on waterward side--need to confirm with owner if crossing goes through levee. If so, need depth of crossing through levee. Also need to obtain permit number used to authorize crossing.					
FIELD_STRUCT_DESC: Conduit line through levee of unknown material or depth below the crown. Marker visible on landside (LS).					
FS Date: 3/4/2014					

Photo 1 of 3 : UCIP_SP_2018_39988_71890.jpg



Underground cable line marker visible on landward side toe.

LM Start	0.81	Rating **	M	Issue No.	35 (cont)
LM End	0.81	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_39988_71889.jpg



Marker is for underground cable line owned by Pacific Bell.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	0.81	Rating **	M	Issue No.	35 (cont)	
LM End	0.81	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.024725 °	39.024725 °	
				-121.440978 °	-121.440978 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:39988 DS_ID:24880 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No marker found on waterward side--need to confirm with owner if crossing goes through levee. If so, need depth of crossing through levee. Also need to obtain permit number used to authorize crossing. FIELD_STRUCT_DESC: Conduit line through levee of unknown material or depth below the crown. Marker visible on landside (LS). FS Date: 3/4/2014						

Photo 3 of 3 : UCIP_SP_2018_39988_71888.jpg



View of levee at crossing.

LM Start	0.82	Rating **	A/W	Issue No.	36
LM End	0.82	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.024811 °	39.024811 °
				-121.440750 °	-121.440750 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38325					
DS_ID:19471					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 14.4 feet below the crown. Concrete headwall, flap-gate, and 3-foot by 6-foot concrete splash apron located on the waterside (WS) toe. Outfall drain from old Grasshopper Slough.					
[Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 0.83)]					
FS Date: 3/20/2014					

Photo 1 of 3 : UCIP_SP_2018_38325_69869.jpg



View of CMP crossing located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	0.82	Rating **	A/W	Issue No.	36 (cont)	
LM End	0.82	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.024811 °		39.024811 °
				-121.440750 °		-121.440750 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38325 DS_ID:19471 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 14.4 feet below the crown. Concrete headwall, flap-gate, and 3-foot by 6-foot concrete splash apron located on the waterside (WS) toe. Outfall drain from old Grasshopper Slough. [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 0.83)] FS Date: 3/20/2014						

LM Start	0.82	Rating **	A/W	Issue No.	36 (cont)
LM End	0.82	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2018_38325_69868.jpg



Close up view of crossing from landward side.

Photo 3 of 3 : UCIP_SP_2018_38325_69873.jpg



View of levee crown at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	1.27	Rating **	N	Issue No.	26
LM End	1.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.027261 °	39.027261 °
				-121.433269 °	-121.433269 °
DWR ID	DWR_RD2103_01_s_2016_26				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Stump needs to be removed fom slope.					

Photo 1 of 1 : SP_2018_RD2103_10_26_20180302_00007.jpg



View of tree stump on lanside levee slope. Fall 2016, still exist as of Fall 2017.

LM Start	1.80	Rating **	M	Issue No.	37
LM End	1.80	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.029398 °	39.029398 °
				-121.424906 °	-121.424906 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41183 DS_ID:19473 EP_NO: 1886 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to coordinate with owner. Severely corroded section of steel pipe present on waterward side--no other evidense present at this location. Owner will need to coordinate with CVFPB and DWR-Inspector to determine proper action to abandon crossing. FIELD_STRUCT_DESC: *ABANDONED* 12-inch steel irrigation pipe through the levee, 3.1 feet below the crown. Siphon breaker on the waterward slope. Concrete standpipe at the landward toe. Vertical pump on waterside (WS). Open on WS end. Permit includes gravel dam through channel of Dry Creek. Crossing is angled 45 degrees. (10-inch pipe authorized under Permit No. 1886, 1959-R. H. Blackford, Jr.) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 1.86)] FS Date: 3/20/2014					

Photo 1 of 3 : UCIP_SP_2018_41183_69917.jpg



Overview of levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	1.86	Rating **	M	Issue No.	38
LM End	1.86	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.029694 °	39.029694 °
				-121.423946 °	-121.423946 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38327 DS_ID:19512 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine if there is a crossing through pipe. Will need to coordinate with owner to determine additional information about appurtenances found on landward side. FIELD_STRUCT_DESC: Irrigation pump, service pole, and 36-inch concrete standpipe, 5 feet from the landside (LS) toe. No pump was found during field visit 3/20/14. [Additional Reference(s): DWR Levee Logs, 2005] FS Date: 3/20/2014					

Photo 1 of 3 : UCIP_SP_2018_38327_69881.jpg



View of landward side.

LM Start	1.86	Rating **	M	Issue No.	38 (cont)
LM End	1.86	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_38327_69880.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	1.86	Rating **	M	Issue No.	38 (cont)	
LM End	1.86	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.029694 °	39.029694 °	
				-121.423946 °	-121.423946 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38327 DS_ID:19512 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine if there is a crossing through pipe. Will need to coordinate with owner to determine additional information about appurtenances found on landward side. FIELD_STRUCT_DESC: Irrigation pump, service pole, and 36-inch concrete standpipe, 5 feet from the landside (LS) toe. No pump was found during field visit 3/20/14. [Additional Reference(s): DWR Levee Logs, 2005] FS Date: 3/20/2014						

Photo 3 of 3 : UCIP_SP_2018_38327_69879.jpg



No crossing visible on waterward side.

LM Start	2.64	Rating **	M	Issue No.	39
LM End	2.64	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.031590 °	39.031590 °
				-121.409870 °	-121.409870 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:38331					
DS_ID:19477					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Need to contact owner to determine status.					
FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 3.1 feet below the crown. Siphon breaker on the waterward slope. Pump on the landward side. Pipe crosses creek to orchard on north side. (two 12-inch pipes authorized under Permit No. 1887, 1954-H. B. Waltz, HLM 2.41 and 2.68) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 2.68), 8-inch]					
FS Date: 3/20/2014					

Photo 1 of 3 : UCIP_SP_2018_38331_69894.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	2.64	Rating **	M	Issue No.	39 (cont)	
LM End	2.64	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.031590 °		39.031590 °
				-121.409870 °		-121.409870 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:38331 DS_ID:19477 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status. FIELD_STRUCT_DESC: 8-inch steel irrigation pipe through the levee, 3.1 feet below the crown. Siphon breaker on the waterward slope. Pump on the landward side. Pipe crosses creek to orchard on north side. (two 12-inch pipes authorized under Permit No. 1887, 1954-H. B. Waltz, HLM 2.41 and 2.68) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 2.68), 8-inch] FS Date: 3/20/2014						

LM Start	2.64	Rating **	M	Issue No.	39 (cont)
LM End	2.64	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_38331_69893.jpg



Crossing was not visible on waterward side.

Photo 3 of 3 : UCIP_SP_2018_38331_69892.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	3.59	Rating **	U	Issue No.	40	
LM End	3.59	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.033074 °		39.033074 °
				-121.400434 °		-121.400434 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50033 DS_ID:19478 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 7/08/2016 Meet with Tom Engler from MBK Engineers, District Engineer, and the District is in the process of trying to deauthorize portion of Unit 1. This section of the levee protects an orchard--levee is approximately 3-4 feet tall. (DWR UCIP - omagana)3/26/2015 Flapgate open and won't close due to vegetation and soil blocking its operation. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate is located on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 7/8/2016 11:37:00 AM						

LM Start	3.59	Rating **	U	Issue No.	40 (cont)
LM End	3.59	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_50033_73429.jpg



Flapgate at WS berm blocked by soil and vegetation buildup.

Photo 2 of 3 : UCIP_SP_2018_50033_73428.jpg



Location of pipe and flapgate on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	4.64	04/18/2018 04/18/2018	Sterling York

LM Start	3.59	Rating **	U	Issue No.	40 (cont)	
LM End	3.59	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.033074 °	39.033074 °	
				-121.400434 °	-121.400434 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:50033 DS_ID:19478 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 7/08/2016 Meet with Tom Engler from MBK Engineers, District Engineer, and the District is in the process of trying to deauthorize portion of Unit 1. This section of the levee protects an orchard--levee is approximately 3-4 feet tall. (DWR UCIP - omagana)3/26/2015 Flapgate open and won't close due to vegetation and soil blocking its operation. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate is located on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 7/8/2016 11:37:00 AM						

Photo 3 of 3 : UCIP_SP_2018_50033_73427.jpg



Pipe visible at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2018 Levee Inspection Results

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles
Unit No. 02 Bear River	Right	4.88

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/18/2018 - 4/18/2018			
DWR Inspector	Sterling York			
Accompanied By	Tom Engler RD 2103			
	Joe Conant RD 817			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/18/2018 04/18/2018	Sterling York

LM Start	0.00	Rating **	A	Issue No.	13
LM End	4.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.993256 °	39.031514 °
				-121.437688 °	-121.366996 °
DWR ID	DWR_RD2103_02_s_2018_13				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_RD2103_11_13_20180501_00032.jpg



View looking upstream landside of maintained annual vegetation, Spring 2018.

LM Start	0.00	Rating **	A	Issue No.	14
LM End	4.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.993256 °	39.031514 °
				-121.437689 °	-121.366996 °
DWR ID	DWR_RD2103_02_s_2018_14				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Annual vegetation is maintained, Spring 2018.					

Photo 1 of 1 : SP_2018_RD2103_11_14_20180501_00033.jpg



View looking upstream waterside of maintained annual vegetation, Spring 2018.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/18/2018 04/18/2018	Sterling York

LM Start	1.26	Rating **	M	Issue No.	25
LM End	1.26	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.998301 °	38.998301 °
				-121.415296 °	-121.415296 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39992 DS_ID:19484 EP_NO: 1613 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 16-inch steel gas line through the levee, 3 feet below the crown. (16-inch line authorized under Permit No. 1613, 1951-Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 1.30)] FS Date: 3/20/2014					

Photo 1 of 2 : UCIP_SP_2018_39992_69914.jpg



Marker visible on waterward side.

LM Start	1.26	Rating **	M	Issue No.	25 (cont)
LM End	1.26	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP_SP_2018_39992_69913.jpg



Marker visible on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/18/2018 04/18/2018	Sterling York

LM Start	1.26	Rating **	M	Issue No.	26
LM End	1.26	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.998301 °	38.998301 °
				-121.415182 °	-121.415182 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:39993
DS_ID:19486
EP_NO: 5714
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Need to contact owner to confirm crossing and determine status.
FIELD_STRUCT_DESC: 12-inch steel sewer pipes through the levee, 3.1 feet below the crown. Siphon breaker in 24-inch corrugated metal (CM) pipe riser on the landside (LS) shoulder. Standard CM cutoff wall around pipe at centerline of levee. Extends from wastewater treatment plant on landside (LS) to waste water lagoon on waterside (WS). Permit includes construction of lagoon with surrounding short levee, extending from/to project levee. (12-inch pipe authorized under Permit No. 5714, 1968-City of Wheatland). [Additional Reference(s): DWR Levee Logs, 2005]
FS Date: 3/20/2014

LM Start	1.26	Rating **	M	Issue No.	26 (cont)
LM End	1.26	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2018_39993_69912.jpg



View of waterward side.

Photo 2 of 2 : UCIP_SP_2018_39993_69911.jpg



CMP riser located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/18/2018 04/18/2018	Sterling York

LM Start	1.29	Rating **	M	Issue No.	27	
LM End	1.29	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.998322 °	38.998322 °	
				-121.414688 °	-121.414688 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:39994						
DS_ID:19509						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Need to contact owner to determine details of the crossing through levee.						
FIELD_STRUCT_DESC: Wheatland Sewage Disposal Plant on waterward side, treatment plant on landward side. Service pole on waterward slope.						
FS Date: 3/20/2014						

Photo 1 of 3 : UCIP_SP_2018_39994_69905.jpg



View of waterward side.

LM Start	1.29	Rating **	M	Issue No.	27 (cont)
LM End	1.29	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_39994_69904.jpg



View of water treatment located on landward side, photo 1 of 3.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/18/2018 04/18/2018	Sterling York

LM Start	1.29	Rating **	M	Issue No.	27 (cont)	
LM End	1.29	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.998322 °	38.998322 °	
				-121.414688 °	-121.414688 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:39994						
DS_ID:19509						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Need to contact owner to determine details of the crossing through levee.						
FIELD_STRUCT_DESC: Wheatland Sewage Disposal Plant on waterward side, treatment plant on landward side. Service pole on waterward slope.						
FS Date: 3/20/2014						

Photo 3 of 3 : UCIP_SP_2018_39994_69903.jpg



View of water treatment located on landward side, photo 2 of 3.

LM Start	1.76	Rating **	M	Issue No.	28
LM End	1.76	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.000557 °	39.000557 °
				-121.406581 °	-121.406581 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:44089 DS_ID:25090 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Fiber optic line of unknown material through the levee at unknown depth. Marker visible on waterside (WS) shoulder. 6-inch steel pipe visible on upstream side of railroad trestle. FS Date: 3/26/2015					

Photo 1 of 3 : UCIP_SP_2018_44089_73568.jpg



Fiberoptic line marker on crown of levee

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/18/2018 04/18/2018	Sterling York

LM Start	1.76	Rating **	M	Issue No.	28 (cont)
LM End	1.76	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.000557 °	39.000557 °
				-121.406581 °	-121.406581 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:44089 DS_ID:25090 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Fiber optic line of unknown material through the levee at unknown depth. Marker visible on waterside (WS) shoulder. 6-inch steel pipe visible on upstream side of railroad trestle. FS Date: 3/26/2015					

Photo 2 of 3 : UCIP_SP_2018_44089_73567.jpg



6-inch steel conduit visible on upstream side of railroad bridge.

LM Start	1.76	Rating **	M	Issue No.	28 (cont)
LM End	1.76	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP_SP_2018_44089_73566.jpg



6-inch steel conduit visible on upstream side of railroad bridge.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspection Report By Mile - Spring 2018

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/18/2018 04/18/2018	Sterling York

LM Start	1.97	Rating **	A/W	Issue No.	12 (cont)
LM End		Issue Type +	Ma	Location *	

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/18/2018 04/18/2018	Sterling York

LM Start	1.97	Rating **	A/W	Issue No.	12 (cont)	
LM End		Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			39.002378 °	°	
				-121.403611 °	°	
DWR ID	DWR_RD2103_02_f _ 2017_12					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:2017 Flood Fight Emergency Repair - 200 feet of site repaired in March 2017. Additional 50 feet requires repair after water receded. \$220,000 estimated total for completion and post project permits and mitigation						
Site ID No:488						
Site Designation:LMA-326						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:7/27/2017						
Notes: Site will likely degrade quickly due to lack of RSP along the lower portion of the bank slope and downstream end of site. At time of field visit, site does not appear to be any imminent threat of failure.						

Photo 3 of 5 : LEVAL_SP_2018_488_1808.jpg



LM Start	1.97	Rating **	A/W	Issue No.	12 (cont)
LM End		Issue Type +	Ma	Location *	

Photo 4 of 5 : LEVAL_SP_2018_488_1810.jpg



* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/18/2018 04/18/2018	Sterling York

LM Start	1.97	Rating **	A/W	Issue No.	12 (cont)	
LM End		Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			39.002378 °	°	
				-121.403611 °	°	
DWR ID	DWR_RD2103_02_f_2017_12					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:2017 Flood Fight Emergency Repair - 200 feet of site repaired in March 2017. Additional 50 feet requires repair after water receded. \$220,000 estimated total for completion and post project permits and mitigation						
Site ID No:488						
Site Designation:LMA-326						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:7/27/2017						
Notes: Site will likely degrade quickly due to lack of RSP along the lower portion of the bank slope and downstream end of site. At time of field visit, site does not appear to be any imminent threat of failure.						

Photo 5 of 5 : LEVAL_SP_2018_488_1812.jpg



LM Start	2.59	Rating **	M	Issue No.	24
LM End	2.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.009249 °	39.009249 °
				-121.397334 °	-121.397334 °
DWR ID	DWR_RD2103_02_s_2015_24				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/18/2018 04/18/2018	Sterling York

LM Start	2.60	Rating **	M	Issue No.	29	
LM End	2.60	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.009394 °		39.009394 °
				-121.397300 °		-121.397300 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40045 DS_ID:19488 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe has been plugged--visible on landward side. Need to contact owner to obtain additional information about abandoned crossing. FIELD_STRUCT_DESC: 1 of 2: 30-inch corrugated metal irrigation pipe through levee, 13.8 feet below crown. Slide gates in 42-diameter riser on waterside (WS) slope. Concrete "U" headwall at both levee toes. Grouted spillway on landside (LS). [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 2.67), two 30-inch] FS Date: 3/20/2014						

LM Start	2.60	Rating **	M	Issue No.	29 (cont)
LM End	2.60	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_40045_71908.jpg



View of waterward shoulder.

Photo 2 of 3 : UCIP_SP_2018_40045_71907.jpg



Slide gates visible located on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/18/2018 04/18/2018	Sterling York

LM Start	2.60	Rating **	M	Issue No.	29 (cont)	
LM End	2.60	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.009394 °		39.009394 °
				-121.397300 °		-121.397300 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40045 DS_ID:19488 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe has been plugged--visible on landward side. Need to contact owner to obtain additional information about abandoned crossing. FIELD_STRUCT_DESC: 1 of 2: 30-inch corrugated metal irrigation pipe through levee, 13.8 feet below crown. Slide gates in 42-diameter riser on waterside (WS) slope. Concrete "U" headwall at both levee toes. Grouted spillway on landside (LS). [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 2.67), two 30-inch] FS Date: 3/20/2014						

Photo 3 of 3 : UCIP_SP_2018_40045_71912.jpg



View of waterward side.

LM Start	2.60	Rating **	M	Issue No.	30
LM End	2.60	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.009408 °	39.009408 °
				-121.397296 °	-121.397296 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40046 DS_ID:19504 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status--crossing appears to be modified. Need to contact owner to obtain additional information about modified crossing. FIELD_STRUCT_DESC: 2 of 2: 30-inch corrugated metal irrigation pipe through levee, 13.8 feet below crown. Slide gates in 42-diameter riser on waterside (WS) slope. Concrete "U" headwall at both levee toes. Grouted spillway on landside (LS). [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 2.67), two 30-inch] FS Date: 3/20/2014					

Photo 1 of 3 : UCIP_SP_2018_40046_71915.jpg



View of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/18/2018 04/18/2018	Sterling York

LM Start	2.60	Rating **	M	Issue No.	30 (cont)	
LM End	2.60	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.009408 °		39.009408 °
				-121.397296 °		-121.397296 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40046 DS_ID:19504 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status--crossing appears to be modified. Need to contact owner to obtain additional information about modified crossing. FIELD_STRUCT_DESC: 2 of 2: 30-inch corrugated metal irrigation pipe through levee, 13.8 feet below crown. Slide gates in 42-diameter riser on waterside (WS) slope. Concrete "U" headwall at both levee toes. Grouted spillway on landside (LS). [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 2.67), two 30-inch] FS Date: 3/20/2014						

LM Start	2.60	Rating **	M	Issue No.	30 (cont)
LM End	2.60	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_40046_71914.jpg



View of landward side.

Photo 3 of 3 : UCIP_SP_2018_40046_71919.jpg



Concrete headwall visible on waterward side--white pipe attached to crossing at headwall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/18/2018 04/18/2018	Sterling York

LM Start	3.94	Rating **	M	Issue No.	31
LM End	3.94	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022486 °	39.022486 °
				-121.379343 °	-121.379343 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43957 DS_ID:19500 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Further evaluation necessary to determine alignment of crossing should be conducted. FIELD_STRUCT_DESC: 4-inch polyvinyl chloride (PVC) water line through levee, 6-feet below the levee crown. Ball valve and service connection point located on the landside (LS) shoulder. Pipe appears to run parallel to east, on LS slope just off crown but may cross at this location as well. [Additional Reference(s): USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 4.05)] FS Date: 3/26/2015					

LM Start	3.94	Rating **	M	Issue No.	31 (cont)
LM End	3.94	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP_SP_2018_43957_73435.jpg



Service connection and ball valve visible on LS shoulder.

Photo 2 of 2 : UCIP_SP_2018_43957_73434.jpg



Service connection and ball valve visible on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/18/2018 04/18/2018	Sterling York

LM Start	3.95	Rating **	M	Issue No.	32	
LM End	3.95	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.022529 °	39.022529 °	
				-121.379286 °	-121.379286 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40048 DS_ID:19510 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 01/03/2018 Crossing authorized under USACE O&M Manual was removed and replaced with new pipe authorized under Permit No. 18081 (2006). Need to contact owner to obtain as-builts for the current pipe. Current pipe is logged under dsid #####. (DWR UCIP - O. Magana) 03/20/2014 Crossing has been modified---need to contact owner to obtain permit used for modification. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *REMOVED* 24-inch corrugated metal irrigation pipe through the levee, 8 feet below the crown. Slide gate in concrete square riser (not corrugated metal pipe riser as mentioned in desk study) located on the waterside (WS) slope. Concrete headwall and trash rack located at toe of WS slope. Breather pipe located on the landside (LS) slope. Pipe discharges in the irrigation ditch located on the landside (LS). Two CM cutoff walls. (no permit found for 24-inch pipe; 24-inch pipe removed and replaced with new 24-inch pipe under Permit No. 18081, 18081-Rev, 2006-Reclamation District No. 2103, four pipes were removed and replaced under this permit) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 4.05)] FS Date: 3/20/2014						

LM Start	3.95	Rating **	M	Issue No.	32 (cont)
LM End	3.95	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_SP_2018_40048_71922.jpg



View of waterward side.

Photo 2 of 3 : UCIP_SP_2018_40048_71921.jpg



Riser located on landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/18/2018 04/18/2018	Sterling York

LM Start	3.95	Rating **	M	Issue No.	32 (cont)	
LM End	3.95	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.022529 °		39.022529 °
				-121.379286 °		-121.379286 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40048 DS_ID:19510 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 01/03/2018 Crossing authorized under USACE O&M Manual was removed and replaced with new pipe authorized under Permit No. 18081 (2006). Need to contact owner to obtain as-builts for the current pipe. Current pipe is logged under dsid #####. (DWR UCIP - O. Magana) 03/20/2014 Crossing has been modified---need to contact owner to obtain permit used for modification. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: *REMOVED* 24-inch corrugated metal irrigation pipe through the levee, 8 feet below the crown. Slide gate in concrete square riser (not corrugated metal pipe riser as mentioned in desk study) located on the waterside (WS) slope. Concrete headwall and trash rack located at toe of WS slope. Breather pipe located on the landside (LS) slope. Pipe discharges in the irrigation ditch located on the landside (LS). Two CM cutoff walls. (no permit found for 24-inch pipe; 24-inch pipe removed and replaced with new 24-inch pipe under Permit No. 18081, 18081-Rev, 2006-Reclamation District No. 2103, four pipes were removed and replaced under this permit) [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 4.05)] FS Date: 3/20/2014						

Photo 3 of 3 : UCIP_SP_2018_40048_71920.jpg



Label on riser.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/18/2018 04/18/2018	Sterling York

LM Start	3.95	Rating **	U	Issue No.	33
LM End	3.95	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.022556 °	39.022556 °
				-121.379210 °	-121.379210 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:50034 DS_ID:19492 EP_NO: N/A Repair Type: Urgent Crossing Status: Not Found UCIP Comments: 7/08/2016 No markers found. Need to locate owner and determine status of crossing. (DWR UCIP - omagana)3/26/2015 No markers. Need to confirm line alignment and permit. Also need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. (DWR UCIP - omagana) FIELD_STRUCT_DESC: 8-inch steel gas line through the levee, 6 feet below the crown. [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 4.05), Drawing No. 2-4-55-1]. FS Date: 7/8/2016 11:37:00 AM					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/18/2018 04/18/2018	Sterling York

LM Start	4.74	Rating **	M	Issue No.	34
LM End	4.74	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.030340 °	39.030340 °
				-121.368535 °	-121.368535 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40049					
DS_ID:19493					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Crossing has been modified---need to contact owner to obtain permit used for modification.					
FIELD_STRUCT_DESC: 24-inch corrugated metal irrigation pipe through levee, 10.6 feet below the crown. Slide gate in concrete square riser (not 36-inch CM riser as mentioned in desk study) is located on the waterside (WS) slope. Concrete "U" headwall and trash rack on WS toe. 5-foot by 5-foot concrete distribution box and headwall located on the landside (LS) toe. [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 4.87)]					
FS Date: 3/20/2014					

Photo 1 of 3 : UCIP_SP_2018_40049_71928.jpg



Pipe visible on waterward side.

LM Start	4.74	Rating **	M	Issue No.	34 (cont)
LM End	4.74	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP_SP_2018_40049_71926.jpg



Overview of waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2018

Reclamation District No. 2103 Wheatland Vicinity

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	4.88	04/18/2018 04/18/2018	Sterling York

LM Start	4.74	Rating **	M	Issue No.	34 (cont)	
LM End	4.74	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.030340 °		39.030340 °
				-121.368535 °		-121.368535 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:40049						
DS_ID:19493						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Crossing has been modified---need to contact owner to obtain permit used for modification.						
FIELD_STRUCT_DESC: 24-inch corrugated metal irrigation pipe through levee, 10.6 feet below the crown. Slide gate in concrete square riser (not 36-inch CM riser as mentioned in desk study) is located on the waterside (WS) slope. Concrete "U" headwall and trash rack on WS toe. 5-foot by 5-foot concrete distribution box and headwall located on the landside (LS) toe. [Additional Reference(s): DWR Levee Logs, 2005. USACE Sacramento O&M Manual Unit No. 146, November 1962, (HLM 4.87)]						
FS Date: 3/20/2014						

Photo 3 of 3 : UCIP_SP_2018_40049_71932.jpg



Pipe connection at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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